

CLAIMS:

1-9. (Canceled)

10. (Currently amended) A wiring receiver that may be mounted on a towing vehicle without the use of tools, the receiver comprising:

a plurality of terminals for transferring a plurality of electrical signals from the towing vehicle to a towed vehicle;

a main body substantially housing the terminals and having a first contact surface facing a first direction and a plurality of protrusions extending from the contact surface in the first direction, the protrusions being arranged to be inserted through a traditional mounting bracket of the towing vehicle; and

a cover operable to engage the protrusions, rotate about at least a portion of the main body, and slide along the protrusions, thereby mounting the main body to the vehicle, wherein the cover includes -

a second contact surface having a plurality of slots therein and facing a second direction which is substantially opposite to the first direction, at least a portion of the bracket being sandwiched between the contact surfaces of the main body and the cover.

11. (Original) The receiver as set forth in claim 10, wherein the cover includes a cable seal operable to substantially seal to a cable of the towing vehicle.

12. (Original) The receiver as set forth in claim 11, wherein the cable seal includes a cylindrical portion having exterior threads, a resilient conical grommet sized to fit snugly into the cylindrical portion, and an interiorly threaded end-cap for holding the grommet in place.

13. (Canceled)

14. (Currently amended) The receiver as set forth in claim ~~13~~10, wherein the slots are substantially arcuate.

15. (Currently amended) The receiver as set forth in claim ~~13~~10, wherein the slots each include an enlarged opening at one end.

16-23. (Canceled)

24. (Currently Amended) A wiring receiver that may be mounted on a towing vehicle without the use of tools, the receiver comprising:

a plurality of terminals for transferring a plurality of electrical signals from the towing vehicle to a towed vehicle;

a main body arranged around the terminals and including -

a forward facing contact surface,

a cylindrical receptacle substantially housing the terminals, and

a plurality of protrusions extending forwardly from the contact surface, the protrusions arranged to be inserted through a traditional mounting bracket of the towing vehicle;

a substantially conical cover operable to mate with the main body and including -

a rear facing contact surface having arcuate slots operable to slide around the protrusions, thereby mounting the main body to the vehicle, and

a cable seal operable to substantially seal to a cable of the towing vehicle; and

a resilient gasket for placement between the main body and the bracket, at least a portion of the bracket being sandwiched between the contact surfaces of the main body and the cover.

25. (Original) The receiver as set forth in claim 24, wherein the slots each include an enlarged opening at one end.

26-27. (Canceled)